

Scott et al. App. No.10/759,685

G.A.U. 3612

This listing of claims will replace all prior versions,
and listings, of claims in the application.

Listing of Claims:

1. (Currently cancelled)
2. (Currently cancelled)
3. (Currently cancelled)
4. (Currently cancelled)
5. (Currently cancelled)
6. (Currently cancelled)
7. (Currently cancelled)
8. (Currently cancelled)
9. (Currently cancelled)
10. (Currently cancelled)
11. (Currently cancelled)
12. (Currently cancelled)
13. (Currently cancelled)
14. (Currently cancelled)
15. (Currently cancelled)

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16. (Currently cancelled)

17. (New) A highway tractor comprising:

a chassis;

a cab that comprises a driver compartment and is mounted on the chassis;

a walled sleeper compartment that joins with the cab and comprises an exterior wall panel and a plastic-metal hybrid interior wall panel joined together to form a wall of the sleeper compartment;

wherein plastic of the hybrid interior wall panel comprises an interior wall surface that is presented to the sleeper compartment interior and is structurally reinforced by a metal part of the hybrid panel to which the plastic has been molded through openings in the part where the plastic joins with the part, and the part is disposed internally of the wall between the exterior panel and the interior wall surface.

18. (New) A highway tractor as set forth in Claim 17 wherein the part comprises sheet metal shaped to have sides, and some of the plastic is disposed internally of the wall as reinforcing ribs joining with one side of the part.

19. (New) A highway tractor as set forth in Claim 18 including a support part disposed internally of the wall, and wherein the reinforcing ribs are arranged between the one side of the metal part and the support part and also join with the support part.

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20. (New) A highway tractor as set forth in Claim 18 wherein the reinforcing ribs, when viewed normal to the interior wall surface, have Z-shapes arranged successively along the one side of the part.

21. (New) A highway tractor as set forth in Claim 20 wherein the one side of the part is substantially normal to the interior wall surface.

22. (New) A highway tractor as set forth in Claim 20 further including a support part disposed internally of the wall, and wherein the reinforcing ribs are arranged between the one side of the metal part and the support part and also join with the support part.

23. (New) A highway tractor as set forth in Claim 17 wherein the plastic comprises partially crystalline plastic.

24. (New) A highway tractor as set forth in Claim 17 including insulating material disposed internally of the wall in at least some of the space not occupied by that portion of the interior wall panel that is between the exterior wall panel and the interior wall surface of the interior wall panel.

25. (New) A highway tractor as set forth in Claim 17 including a cabinet disposed within the sleeper compartment mounted on the interior wall surface of the interior wall panel.

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26. (New) A walled sleeper compartment for a highway tractor cab comprising:

an exterior wall panel and a plastic-metal hybrid interior wall panel joined together to form a wall of the sleeper compartment;

wherein the interior wall panel comprises a plastic interior wall surface that is structurally reinforced by a metal part of the hybrid panel to which the plastic has been molded through openings where the plastic joins with the part, and the part is disposed internally of the wall between the exterior panel and the interior wall surface.

27. (New) A walled sleeper compartment as set forth in Claim 26 wherein the part comprises sheet metal shaped to have sides, and some of the plastic is disposed internally of the wall as reinforcing ribs joining with one side of the part.

28. (New) A walled sleeper compartment as set forth in Claim 27 including a support part disposed internally of the wall, and wherein the reinforcing ribs are arranged between the one side of the metal part and the support part and also join with the support part.

29. (New) A walled sleeper compartment as set forth in Claim 27 wherein the reinforcing ribs, when viewed normal to the interior wall surface, have Z-shapes arranged successively along the one side of the one metal part.

30. (New) A walled sleeper compartment as set forth in Claim 29 wherein the one side of the part is substantially normal to the interior wall surface.

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31. (New) A walled sleeper compartment as set forth in Claim 29 further including a support part disposed internally of the wall, and wherein the reinforcing ribs are arranged between the one side of the metal part and the support part and also join with the support part.

32. (New) A walled sleeper compartment as set forth in Claim 26 wherein the plastic comprises partially crystalline plastic.

33. (New) A walled sleeper compartment as set forth in Claim 26 including insulating material disposed internally of the wall in at least some of the space not occupied by that portion of the interior wall panel that is between the exterior wall panel and the interior wall surface of the interior wall panel.

34. (New) A walled sleeper compartment as set forth in Claim 26 including a cabinet mounted on the interior wall surface of the interior wall panel for disposition within the sleeper compartment.